Panasonic CONNECT

2023 Broadcast and Pro AV Quick Reference Guide

PAV_QR-G07
As of October 2023.

PTZ Camera Systems

For more information, please visit the products page.

High-end

AW-UE160W/K
4K PROFESSIONAL HDR 12G SDI ST 2110 | JPEG XS *1
20x | 75.1° | NDI® & NDI®|HX Built-in | 1" MOS*2
4K 60p | PoE++ | HDMI | Fiber
5G mobile router*3 compatible | High speed Max. 2x in HD | SRT ALLIANCE | V-Log
*1: JPEG XS support for AW-UE160W/K is planned by the end of CY2023.
*2: Effective Size *3: USB tethering support

AW-UE150W/K
4K PROFESSIONAL HDR 12G SDI
20x | 75.1° | NDI®|HX Upgradable | 1" MOS
4K 60p | PoE++ | HDMI | Fiber
SRT ALLIANCE | V-Log

AW-HE145W/K
US and EU Only model
3G SDI
20x | 75.1° | NDI®|HX Upgradable | 1" MOS
HD 60p | PoE++ | HDMI | SRT ALLIANCE

AW-UE100W/K
4K PROFESSIONAL 12G SDI
24x | 74.1° | NDI® & NDI®|HX Built-in | 1/2.5" MOS
4K 60p | PoE++ | HDMI | SRT ALLIANCE

Standard

AW-UE80W/K
4K PROFESSIONAL 3G SDI
24x | 74.1° | NDI® & NDI®|HX Built-in
1/2.5" MOS | 4K 60p | PoE++ | HDMI
SRT ALLIANCE | Auto-tracking Built-in

AW-UE50W/K
4K PROFESSIONAL 3G SDI
24x | 74.1° | NDI®|HX Upgradable
1/2.5" MOS | 4K 30p | PoE+ | HDMI
USB | SRT ALLIANCE | Auto-tracking Built-in
zoom Certified

AW-UE40W/K
4K PROFESSIONAL
24x | 74.1° | NDI®|HX Upgradable
1/2.5" MOS | 4K 30p | PoE+ | HDMI
USB | SRT ALLIANCE | Auto-tracking Built-in
zoom Certified

Entry

AW-UE20W/K
4K PROFESSIONAL 3G SDI
12x | 71.0° | 1/2.8" MOS
4K 30p | PoE+ | HDMI | USB
zoom Certified

AW-UE4WG/KG
4K PROFESSIONAL
4x | 111° | 1/2.5" MOS
4K 30p | PoE | HDMI | USB
zoom Certified

AW-HE20W/K
3G SDI
12x | 71.0° | 1/2.8" MOS
HD 60p | PoE+ | HDMI | USB
zoom Certified

Outdoor

NEW
AW-UR100
4K PROFESSIONAL 12G SDI
24x | 74.1° | NDI® & NDI®|HX Built-in | 1/2.5" MOS
4K 60p | PoE++ | Fiber | SRT ALLIANCE

Remote Camera Controller

AW-RP150
IP Control 200 | SERIAL Control 5
Touch Panel | Big Joystick
PoE+

AW-RP60
IP Control 200 | SERIAL Control 5
Joystick | PoE

AW-RM50AG
INFRARED Control 4

Software

NEW SMPTE ST 2110 Supported
Optional Software Key
AW-SFU60
Fees Apply

Auto Tracking Software Key
AW-SF100/AW-SF200
90-day Free Trial

Visual Presets Software Key
AW-SF300
90-day Free Trial

PTZ Control Center
Free

PTZ Virtual USB Driver

EasyIP Setup Tool Plus
Free

IT/IP Platform KAIROS

Incredible Productivity

For more information, please visit the products page.

KAIROS

NEW **Kairos Core 2000**
(Main Frame)
AT-KC2000/KC2000S1

NEW **Kairos Core 200**
(Main Frame)
AT-KC200

Kairos Creator
(GUI Software/Software Key)
AT-SFC10
OS: Windows10/11, macOS (Catalina/Big Sur/Monterey)

Kairos Core 1000
(Main Frame)
AT-KC1000

Kairos Core 100
(Main Frame)
AT-KC100

Kairos Control
(Control Panel)
AT-KC10C1

Kairos Control
(Control Panel)
AT-KC10C2

Software Key

- Touch Control Panel SW option NEW **AT-SFTC10**[*1]
- 4K Option **AT-SF001**[*2]
- I/O Option **AT-SF002**[*2]
- Canvas Option **AT-SF003**[*2]
- Audio Mixer Option **AT-SF005**
- RossTalk Option[*3] **AT-SFE01**
- NMOS Option[*4] **AT-SFE03**
- Kairos Creator subset software Free

*1: Supported by KAIROS software version 1.5 or lator.
*2: Option for AT-KC100
*3: RossTalk, Ross, and XPression, are trademarks or registered trademarks of Ross Video Limited.
*4: NMOS is a protocol standardized by AMWA for controlling and managing devices via IP networks.

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Systems Cameras

For more information, please visit the products page.

Studio Camera

AK-PLV100GJ

4K PROFESSIONAL HDR | Super35 | 12G SDI | ST 2110 | JPEG XS*

Super 35mm	PL Mount	ND Filter
V-Log	CAM-CCU 2 km (UCU600)/1.2 km (HCU250)	
Intercom XLR x 1		

* JPEG XS support for the AK-PLV100GSJ is planned in the third quarter of CY2023.

AK-UC4000GJ
AK-UC4000GSJ

4K PROFESSIONAL HDR | 12G SDI | TICO | ST 2110

11.14MP MOS	2/3 Bayonet	ND/CC Filter
High-speed Max. 4x	CAM-CCU 2 km	DC Out 1A/2.5A
Intercom XLR x 2	Optional Build-up Unit	

AK-UC3300GJ
AK-UC3300GSJ

4K PROFESSIONAL HDR | 12G SDI | TICO | ST 2110

11.14MP MOS	2/3 Bayonet	ND Filter
High-speed 2x	CAM-CCU 2 km	DC Out 1A/2.5A
Intercom XLR x 2		

AK-HC5000GJ
AK-HC5000GSJ

HDR

2.2MP MOS	2/3 Bayonet	ND/CC Filter
High-speed 4x	CAM-CCU 2 km	DC Out 1A/2.5A
Intercom XLR x 2	Optional Build-up Unit	

AK-HC3900GJ
AK-HC3900GSJ

HDR | 4K Upgrade

Large MOS	2/3 Bayonet	ND Filter
CAM-CCU 1.2 km	Intercom XLR x 1	
ST 2110 Upgradable (optional)		

Multi Purpose Camera

AK-SHB800GJ/PSJ
AK-SHU800EJ/PSJ
AK-SFC101

8K | HDR

Full Size MOS	EF Mount	ND Filter

AK-UB300GJ

4K PROFESSIONAL HDR | 12G SDI | TICO

11MP MOS	2/3 Bayonet	ND Filter

Cinema Cameras

For more information, please visit the products page.

Cinema Camera

VariCamLT

VARICAM | 4K PROFESSIONAL HDR

Super 35mm	EF/PL* mount	Native ISO 800/5000
ProRes	expressP2 slot x 1	SD slot x 1
Raw Out: 3G-SDI x 2	Light Weight	Cine Live

* Option

AU-EVA1

EVA1 | 4K PROFESSIONAL HDR

Super 35mm	EF mount	Native ISO 800/2500
5.7K	SD slot x 2	
Raw Out: 6G-SDI x 1	Light Weight	Cine Live

Professional Camera Recorders

For more information, please visit the products page.

CX Series

AJ-CX4000GJ

CX SERIES | 4K PROFESSIONAL HDR

11.14MP MOS	2/3 Bayonet	MOV	P2 MXF
expressP2 slot x 1	SD slot x 1	NDI®|HX Upgradable	
RTSP/RTP/RTMP/RTMPS			

AG-CX350

CX SERIES | 4K PROFESSIONAL HDR

1" MOS	24.5 mm	20 x	MOV/AVCHD
P2 MXF	V-Log	microP2 slot x 2	NDI®|HX Upgradable
RTSP/RTP/RTMP/RTMPS			

AG-CX10

CX SERIES | 4K PROFESSIONAL

1/2.5" MOS	25.0 mm	24 x	MOV/MP4/AVCHD
P2 MXF	microP2 slot x 2	NDI®|HX Upgradable	
RTSP/RTP/RTMP/RTMPS			

P2HD Series

AJ-PX5100GJ

P2HD | HDR

2/3" 3MOS	2/3 Bayonet	P2 MXF
P2 slot x 2	microP2 slot x 2	

AJ-PX380G

P2HD

1/3" 3MOS	1/3 Bayonet	P2 MXF
P2 slot x 1	microP2 slot x 2	

Live Switchers

For more information, please visit the products page.

1ME Switcher

AV-UHS500

4K PROFESSIONAL HDR | 12G SDI

Max. 16 Inputs	Max. 15 Outputs	3 Keyers	2 DSK
Max. 2 P-in-P	2 ch Multiviewer	4 Aux Buses	
NDI® & NDI®|HX Supported*			

* Option AV-UHS5M6G is required.

NEW
AV-HSW10

Max. 9 inputs	Max. 6 outputs	2 Keyers	
2 Aux Buses	P-in-P	Multiviewer	
NDI® & NDI®|HX Built-in	SRT ALLIANCE	RTMP	
USB Video Class			

For more information, please visit the website >>> https://pro-av.panasonic.net/en/